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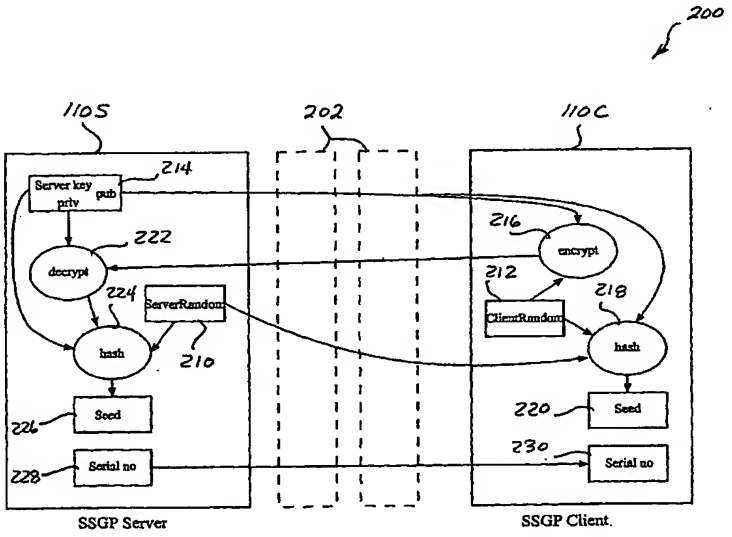
(54) Title: SECURE SEED GENERATION PROTOCOL



(57) Abstract: Techniques for secure generation of a seed for use in performing one or more cryptographic operations, utilizing a seed generation protocol carried out by a seed generation client (110c) and a seed generation server (110s). The seed generation server (110s) provides a first string to the seed generation client (110c). The seed generation client (110c) generates a second string, encrypts the second string utilizing a key (216), and sends the encrypted second string to the seed generation server (110s). The seed generation client (110c) generates the seed as a function of at leas the first string and the second string. The seed generation server (110s) decrypts the encrypted second string (222) and independently generates the seed as a function of at least the first string an the second string.

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